



Contract No. 009359	Station Section 3	Mile/Line: I-182	C/S
Staked by Survey	Date 9/25/2019	Work Started Date 10/14/2019	Work Completed Date
Calculated by Scott Busby	Date 11/5/2019	Checked by E. Knudson	Inspector Scott Busby
		Date 11/21/2019	Date 11/5/19

ITEM NO. 15
Section 3 - I-182, US-395 & SR-240
Change Order # 4
BEAM GUARDRAIL TYPE 31

Est.#8

Group Number 23

10/16/2019 - I-182

- Station MP 1.40 WB LT EB - See attachment below
- **87.5 LF** of Beam Guardrail Type 31
- $(87.5 / 6.25) + 1 =$ Total of **15** wood posts and blocks
- **8** steel posts for the end terminal

10/16/2019 - I-182

- Station MP 5.40 R1 Exit 5B off ramp mp 0.19 WB RT - See attachment below
- **25 LF** of Beam Guardrail Type 31
- $(25 / 6.25) + 1 =$ Total of **5** wood posts and blocks
- **8** steel posts for the end terminal

Sub Total = **87.5 + 25 = 112.5 LF of Beam Guardrail Type 31**
 = $15 + 5 =$ **20** Wood Posts and Blocks
 = $(8 * 2) =$ **16** Steel posts for the end terminals

Group Number 24

10/17/2019 - I-182

- Station MP 11.75 C1 Exit 12A/B off ramp mp 0.17 EB RT - See attachment below
- **62.5 LF** of Beam Guardrail Type 31
- $(62.5 / 6.25) + 1 =$ Total of **11** wood posts and blocks
- **8** steel posts for the end terminal

10/17/2019 - I-182

- Station MP 14.01 WB RT
- **12.5 LF** of Beam Guardrail Type 31
- $(12.5 / 6.25) + 1 =$ Total of **3** wood posts and blocks
- **8** steel posts for the end terminal

Sub Total = **62.5 + 12.5 = 75 LF of Beam Guardrail Type 31**
 = 11 + 3 = **14** Wood Posts and Blocks
 = (8 * 2) = **16** Steel posts for the end terminals

Group Number 27

10/21/2019 - US-395

- Station MP 19.44 P1 Sylvester Road off ramp mp 0.19 NB LT - See attachment below
- **150 LF** of Beam Guardrail Type 31
- (150/ 6.25)+1 = Total of **25** wood posts and blocks
- **6** steel posts for the end terminal

Sub Total = **150 LF of Beam Guardrail Type 31**
 = **25** Wood Posts and Blocks
 = **6** Steel posts for the end terminals

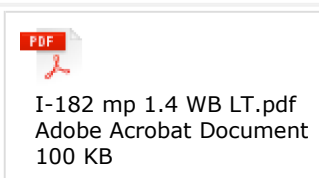
Total = 112.5 + 75 + 150 = 337.5 LF of Beam Guardrail Type 31
 = 20 + 14 + 25 = **59** Wood Posts and Blocks
 = (8 * 4) + 6 = **38** Steel posts for the end terminals

Note:
Measured by wheel and counted

Item Num	Material Brand Name/Model Type	Manufacturer	Brand Name/Model Type	RAMS/QPL Ref. No.	Appr/Acc Code	Basis of Accept
015.02	Beam Guardrail Thrie Beam Elements and Components	Trinity Highway Products, LLC		QPL-0001	2215 /	Mfr. Cert. per Stnd. Spec. 1-06.3
015.03	Beam Guardrail Wood Post and Blocks	Superior Wood Treating		QPL-0005	2550 /	Lumber Grading Stamp or Grading Certificate and Certificate of Treatment. (If Aquatic Envir. Std. Spec. 9-09.3 (1) Applies)
015.04	Beam Guardrail Steel Post and Blocks	Trinity Highway Products, LLC		QPL-0002	2215 /	Mfr. Cert. per Stnd. Spec. 1-06.3

Item Num	Item Description	Grp	Date Work Complete	Unit	Quantity	Ledger Entry No.	Posted By Init.	Posted By Date	Checked By Init.	Checked By Date	Est. No.
0015	BEAM GUARDRAIL TYPE 31	23	10/23/20...	L.F.	112.5	361	EK	11/21/19			8
0015	BEAM GUARDRAIL TYPE 31	24	10/23/20...	L.F.	75	362	EK	11/21/19			8
0015	BEAM GUARDRAIL TYPE 31	27	10/23/20...	L.F.	150	363	EK	11/21/19			8

Attachments





I-182 mp 5.22 WB
RT.pdf
Adobe Acrobat Document
99.5 KB



I-182 mp 11.75 EB
RT.pdf
Adobe Acrobat Document
98.3 KB



Section3 1674_001.pdf
Adobe Acrobat Document
79.8 KB

DOT Form IP 422-635ER EF
Revised 4/2009